

WHAT IS CLAIMED IS:

1. A connecting structure comprising:

an air conditioning case of an air conditioning unit, which is mounted on a vehicle, forming an air outlet port through which air is discharged; and

an air duct for introducing the air from the air conditioning case to a passenger compartment of the vehicle, the air duct having a first end connecting to an air blowing port of an instrument panel of the vehicle and a second end connecting to the air outlet port of the air conditioning case,

wherein the second end of the air duct is engaged with the air conditioning case by mounting the instrument panel on the vehicle.

2. The connecting structure according to claim 1, wherein the air conditioning case has a guide portion on the periphery of the air outlet port for directing the second end of the air duct.

3. The connecting structure according to claim 2, wherein the guide portion is tapered toward a front position of the vehicle.

4. The connecting structure according to claim 2, wherein the guide portion and the air conditioning case are integrally formed.

5. The connecting structure according to claim 3, wherein the second end of the air duct has a flange portion for engaging with the guide portion.

6. The connecting structure according to claim 5, wherein the flange portion is air-tightly received in the guide portion.
7. The connecting structure according to claim 2, wherein the air conditioning case has a projection adjacent to the guide portion and the second end of the air duct has a U-shaped portion, wherein when the second end of the air duct engages with the guide portion, the U-shaped portion fits on the projection.
8. The connecting structure according to claim 2, wherein the air outlet port of the air conditioning case is formed on a side facing the instrument panel, wherein the guide portion has taper shape narrowing toward the air outlet port and the second end of the air duct has taper shape so that the second end of the air duct is air-tightly received in the guide portion.